



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Heng-Mao Chiu )  
Serial No.: 10/550,235 ) Group Art Unit: 2821  
Filed: August 17, 2006 )  
For: A Microwave Antenna ) Examiner: N/A  
for Medical Ablation )

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached Forms PTO/SB/08A lists references which may be considered to be material to the above-identified application by the Patent Examiner and copies are attached. Entry into the record is respectfully requested.

This Information Disclosure Statement is not being submitted within three months of the filing date of the national application, but it is being filed before receipt of a First Office Action. Therefore, we believe no fee is due. If any additional fee might be required in connection with this matter, please charge our Deposit Account No. 23-0785.

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I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage at First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 15, 2007.

*Corinne Byk*  
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/Ronald Hupczey, Jr/

03/12/2010

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.H./

Receipt date: 08/20/2007

10550235 - GAU: 3739



SPR04388P00150USUS

Respectfully submitted

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|  |  |   |    |                      |                     |                  |
|--|--|---|----|----------------------|---------------------|------------------|
| Substitute for form 1449A/PTO  |  |   |    | Application Number   | 10/550,235          |                  |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(Use as many sheets as necessary)</i> |  |   |    | Filing Date          | August 17, 2006     |                  |
|  |  |   |    | First Named Inventor | Heng-Mao Chiu       |                  |
|  |  |   |    | Group Art Unit       | 2821                |                  |
|  |  |   |    | Examiner Name        | N/A                 |                  |
| Sheet  |  | 1 | of | 1                    | Attorney Docket No. | SPR04388P00150US |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |                       |  |  |                 |            |
|---|-----------------------|--|--|-----------------|------------|
| Examiner Initials*                                | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  |  |                 |            |
|   |                       | New Zealand Examiner's Report, September 14, 2006 – Intellectual Property Office of New Zealand  |  |                 |            |
|   |                       | "A Study of the SAR Distribution of a Coaxial-Slot Antenna for Interstitial Microwave Hyperthermia by the FDTD Method", Electronics and Communications in Japan, Part 1, Vol. 84, No. 3, 2001, pp. 48-55, February 1999 – SAITO et al.   |  |                 |            |
|   |                       | "Numerical Analysis of Thin Coaxial Antennas for Microwave Coagulation Therapy", Antennas and Propagation Society International Symposium, 1999, IEEE, Volume 2, Issue , Aug. 1999, pp. 992-995 – SAITO et al.   |  |                 |            |
|   |                       | "Temperature Distribution in and around Array Applicator for Interstitial Microwave Hyperthermia Combined with Interstitial Radiation Therapy", XXVIIth General Assembly of the International Union of Radio Science, Maastricht, Exhibition & Congress Centre, The Netherlands, 17-24, August 17, 2002, at p. 151 (K4.O.1) – ITO et al. |  |                 |            |
|   |                       | Chinese Examiner's Report (Mandarin language), February 2, 2007 – The Patent Office of the People's Republic of China  |  |                 |            |
|   |                       | English Translation of Chinese Examiner's Report, February 2, 2007 – The Patent Office of the People's Republic of China   |  |                 |            |
|   |                       | Chinese Patent Publication No. 1133745A (CN Application No. 19951003937) (Mandarin Language), October 23, 2007 – ZHIHENG LUO et al.  |  |                 |            |
|   |                       | English Language Abstract of Chinese Patent Publication No. 1133745A (CN Application No. 19951003937), October 23, 2007 – ZHIHENG LUO et al.   |  |                 |            |
|   |                       | Indian Examiner's Report, January 17, 2007 – Patent Office, Government of India  |  |                 |            |
| Examiner Signature                                |                       | /Ronald Hupczey, Jr/   |  | Date Considered | 03/12/2010 |

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**Substitute for form 1449A/PTO**

**Application Number**

10/550,235

**Filing Date**

August 17, 2006

**First Named Inventor**

Heng-Mao Chiu

## Group Art Unit

2821

Examiner Name

N/A

Sheet

1

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Attorney Docket No.

SBR04388R001E011S

## FOREIGN PATENT DOCUMENTS

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